

32692

Customer Number

Case No.: 59492US002

JFW/MS  
Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: KLUN, THOMAS P.

Application No.: 10/751142 Group Art Unit: 1621

Filed: December 31, 2003 Examiner: B. J. Davis

Title: PROCESS FOR PREPARING FLUOROCHEMICAL MONOISOCYANATES

**REQUEST TO CORRECT INVENTORSHIP UNDER 37 CFR § 1.48(a)****CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300.

FEB - 6 2006

Date

Signed by: Hylis H. Froelke

Dear Sir:

Applicant requests that Zai-Ming Qiu be added as inventor in the above-identified application.

Also enclosed is:

- Statement of Inventor Zai-Ming Qiu Under 37 CFR § 1.48(a)(2);
- Declaration and Power of Attorney executed by the actual inventors as required by 37 CFR § 1.48(a)(3);
- Consent of Assignee to Change of Inventorship Under 37 CFR § 1.48(a)(5);
- Statement under 3.73(b); and
- Newly executed Assignment and Recordation Cover Sheet

Please charge the processing fee provided in 37 CFR § 1.17(i) and if necessary, charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

Respectfully submitted,

Date

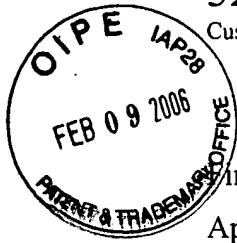
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

By:   
Lisa P. Fulton, Reg. No.55,195  
Telephone No.: 651-733-1260

32692

Customer Number

Patent  
Case No.: 59492US002



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: KLUN, THOMAS P.

Application No.: 10/751142

Group Art Unit: 1621

Filed: December 31, 2003

Examiner: B. J. Davis

Title: PROCESS FOR PREPARING FLUOROCHEMICAL MONOISOCYANATES

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

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transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 872-9306.

**FEB - 6 2006**

Date

Signed by: Hylis H. Froelke

**STATEMENT OF ADDED INVENTOR IN SUPPORT OF REQUEST  
UNDER 37 C.F.R. § 1.48 TO CORRECT INVENTORSHIP**

I, Zai-Ming Qiu, an inventor being added to the above-identified application, do hereby declare that through error I was not named as a joint inventor in the above-identified application, and that this error occurred without any deceptive intention on my part.

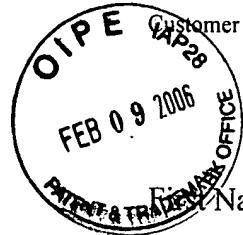
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 1/20/2006

Zai-Ming Qiu

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
P.O. Box 33427  
St. Paul, Minnesota 55133-3427  
Facsimile: (651) 736-3833

10751142  
02/09/2006 HDESTA1 00000019 1333723  
01 FC:1464 130.00 DA



Patent  
Case No.: 59492US002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Named Inventor: KLUN, THOMAS P.

Application No.: 10/751142 Group Art Unit: 1621

Filed: December 31, 2003 Examiner: B. J. Davis

Title: PROCESS FOR PREPARING FLUOROCHEMICAL MONOISOCYANATES

**CONSENT OF ASSIGNEE TO CHANGE OF INVENTORSHIP UNDER 37 CFR § 1.48(a)(5)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
 transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 872-9306.

**FEB - 6 2006**

Date

*Hylis H. Frolke*  
Signed by: Hylis H. Frolke

Dear Sir:

3M Innovative Properties Company, the assignee of the entire right, title, and interest in U.S. Patent Application No. 10/751142 hereby consents to the accompanying Request to Correct Inventorship Under 37 CFR § 1.48(a).

3M Innovative Properties Company

Date

*1/23/2006*

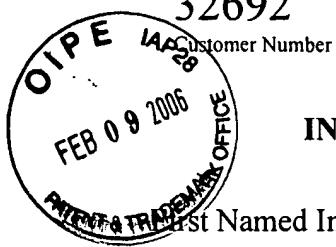
By:

*[Signature]* Robert W. Sprague Reg. No.: 30,497

Secretary

Telephone No.: 651-733-4247

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833



32692

Patent  
Case No.: 59492US002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: KLUN, THOMAS P.

Application No.: 10/751142 Group Art Unit: 1621

Filed: December 31, 2003 Examiner: B. J. Davis

Title: PROCESS FOR PREPARING FLUOROCHEMICAL MONOISOCYANATES

STATEMENT UNDER 37 CFR § 3.73(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]

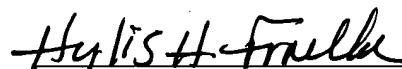
I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300.

FEB - 6 2006

Date

  
Signed by: Hylis H. Froelke

Dear Sir:

The undersigned states that 3M Innovative Properties Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title, and interest. The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015502, Frame 0637, or for which a copy thereof is attached.
- B.  A chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee is shown below:
  1.  From the inventors to 3M Company (formerly Minnesota Mining and Manufacturing Company). The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
  2.  From 3M Company (formerly Minnesota Mining and Manufacturing Company) to 3M Innovative Properties Company. The document was

recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Copies of the following documents are enclosed:

1.  Copies of assignments or other documents in the chain of title.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to the Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3M Innovative Properties Company

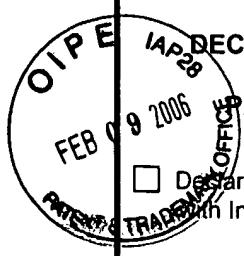
Date

1/23/2004

By:

  
Robert W. Sprague, Reg. No.: 30,497  
Secretary  
Telephone No.: 651-733-4257

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833



<b>DECLARATION AND POWER OF ATTORNEY, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63 )</b>		Case No:	59492US002
		First Named Inventor:	Thomas P. KLUN
<b>COMPLETE IF KNOWN</b>			
		Application No.:	10/751142
		Filing Date:	December 31, 2003
		Art Unit:	
		Examiner Name:	

As a below named inventor, I hereby declare that my residence, mailing address, and citizenship are as stated below next to my name, and that I believe I am an original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PROCESS FOR PREPARING FLUOROCHEMICAL MONOISOCYANATES**

The specification of which

is attached hereto;

was filed on **December 31, 2003**

As United States Application No.

**10/751142**

is identified as PCT International Application No.

filed on

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 USC §§ 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application No.	Country	Foreign Filing Date (MM/DD/YYYY)	Priority NOT Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby appoint Practitioners at Customer Number 32692 as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

**Customer Number for  
Practitioner of Record:** **32692**

I also appoint the following Practitioners as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: None

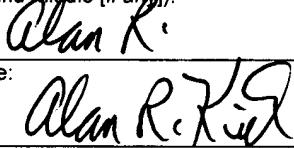
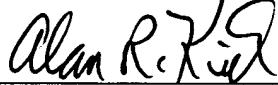
The mailing address and the telephone number of the above-identified attorneys and/or agents are that of Customer No. 32692.

Inquiries regarding this application can be made to:

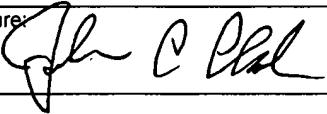
Attention: Lisa P. Fulton  
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Telephone No.: 651-733-1260

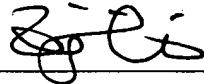
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Thomas P.		Family Name or Surname: KLUN
Inventor's Signature: 		Date: 01-20-06
Residence: Lakeland, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

<b>NAME OF JOINT INVENTOR, IF ANY:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Alan R. 		Family Name or Surname: KIRK
Inventor's Signature: 		Date: 01-25-06
Residence: Cottage Grove, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

<b>NAME OF JOINT INVENTOR, IF ANY:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): George G. I. 		Family Name or Surname: MOORE
Inventor's Signature: 		Date: 2-06-2006
Residence: Afton, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

<b>NAME OF JOINT INVENTOR, IF ANY:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): John C.		Family Name or Surname: CLARK
Inventor's Signature: 		Date: 1/25/06
Residence: White Bear Lake, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

<b>NAME OF JOINT INVENTOR, IF ANY:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Zai-Ming		Family Name or Surname: QIU
Inventor's Signature: 		Date: 1/20/2006
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

**ASSIGNMENT OF APPLICATION**

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

**PROCESS FOR PREPARING FLUOROCHEMICAL MONOISOCYANATES**

- for which an application for a United States Patent is being filed contemporaneously herewith;
- for which an application for a United States Patent identified as U.S. Patent Application No. 10/751142; was filed on December 31, 2003;
- which application is identified as PCT International Patent Application No. filed ;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

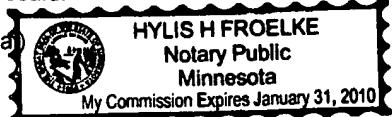
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Thomas P.		Family Name or Surname: KLUN	
Inventor's Signature:		Date:	
Residence: Lakeland, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA      ) ) ss. COUNTY OF RAMSEY      ) On this _____ day of _____, _____, before me personally appeared the above-named Thomas P. KLUN, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		Notary Public	

Given Name (first and middle [if any]): Alan R.	Family Name or Surname: KIRK	
Inventor's Signature:	Date:	
Residence: Cottage Grove, Minnesota	Country: USA	Citizenship: United States of America
STATE OF MINNESOTA ) ) COUNTY OF RAMSEY ) ss. )	On this _____ day of _____, _____, before me personally appeared the above-named Alan R. KIRK, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.	
(Seal)	Notary Public	

Given Name (first and middle [if any]): George G. I.	Family Name or Surname: MOORE	
Inventor's Signature:	Date:	
Residence: Afton, Minnesota	Country: USA	Citizenship: United States of America
STATE OF MINNESOTA ) ) COUNTY OF RAMSEY ) ss. )	On this _____ day of _____, _____, before me personally appeared the above-named George G. I. MOORE, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.	
(Seal)	Notary Public	

Given Name (first and middle [if any]): John C.	Family Name or Surname: CLARK	
Inventor's Signature:	Date:	
Residence: White Bear Lake, Minnesota	Country: USA	Citizenship: United States of America
STATE OF MINNESOTA ) ) COUNTY OF RAMSEY ) ss. )	On this _____ day of _____, _____, before me personally appeared the above-named John C. CLARK, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.	
(Seal)	Notary Public	

Given Name (first and middle [if any]): Zai-Ming	Family Name or Surname: QIU	
Inventor's Signature: 	Date: 1/20/2006	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>20<sup>th</sup></u> day of <u>January</u> , <u>2006</u> , before me personally appeared the above-named Zai-Ming QIU, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.		
(Seal) 	<u>Hyliis H. Froelke</u> Notary Public	

# COPY

Case No.: 59492US002

## ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

### **PROCESS FOR PREPARING FLUOROCHEMICAL MONOISOCYANATES**

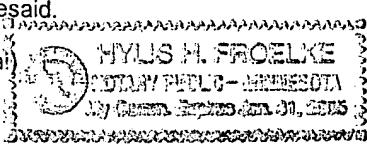
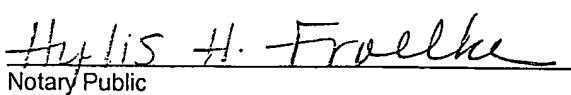
for which an application for a United States Patent is being filed contemporaneously herewith;  
 for which an application for a United States Patent identified as U.S. Patent Application No. 10/751142; was filed on December 31, 2003;  
 which application is identified as PCT International Patent Application No. filed ;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

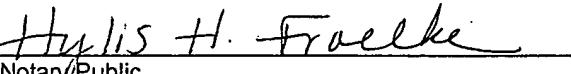
I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

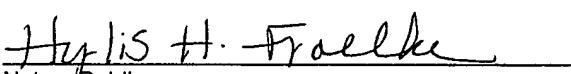
I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

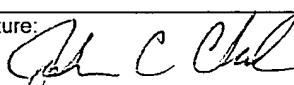
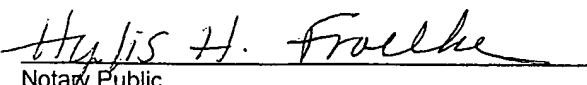
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Thomas P.	Family Name or Surname: KLUN	
Inventor's Signature: 	Date: 06-21-04	
Residence: Lakeland, Minnesota	Country: USA	Citizenship: United States of America
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>21<sup>st</sup></u> day of <u>June</u> , <u>2004</u> , before me personally appeared the above-named Thomas P. KLUN, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.	 HYLIS H. FROELKE NOTARY PUBLIC - MINNESOTA My Commission Expires Jan. 31, 2005	
 Notary Public		

# COPY

Given Name (first and middle [if any]): Alan R.	Family Name or Surname: KIRK
Inventor's Signature: 	Date: 06/22/04
Residence: Cottage Grove, Minnesota	Country: USA
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>22nd</u> day of <u>June</u> <u>2004</u> , before me personally appeared the above-named Alan R. KIRK, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid:	Citizenship: United States of America
(Seal)  HYLIS H. FROELKE NOTARY PUBLIC - MINNESOTA My Comm. Expires Jan. 31, 2005	 Notary Public

Given Name (first and middle [if any]): George G. I.	Family Name or Surname: MOORE
Inventor's Signature: 	Date: 6 - 22 - 04
Residence: Afton, Minnesota	Country: USA
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>22nd</u> day of <u>June</u> <u>2004</u> , before me personally appeared the above-named George G. I. MOORE, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid:	Citizenship: United States of America
(Seal)  HYLIS H. FROELKE NOTARY PUBLIC - MINNESOTA My Comm. Expires Jan. 31, 2005	 Notary Public

Given Name (first and middle [if any]): John C.	Family Name or Surname: CLARK
Inventor's Signature: 	Date: 6-22-04
Residence: White Bear Lake, Minnesota	Country: USA
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY ) On this <u>22nd</u> day of <u>June</u> <u>2004</u> , before me personally appeared the above-named John C. CLARK, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid:	Citizenship: United States of America
(Seal)  HYLIS H. FROELKE NOTARY PUBLIC - MINNESOTA My Comm. Expires Jan. 31, 2005	 Notary Public

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